ACTi Mobile Client

User's Manual

For iOS

V1.0.15 Version

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Overview

Introduction

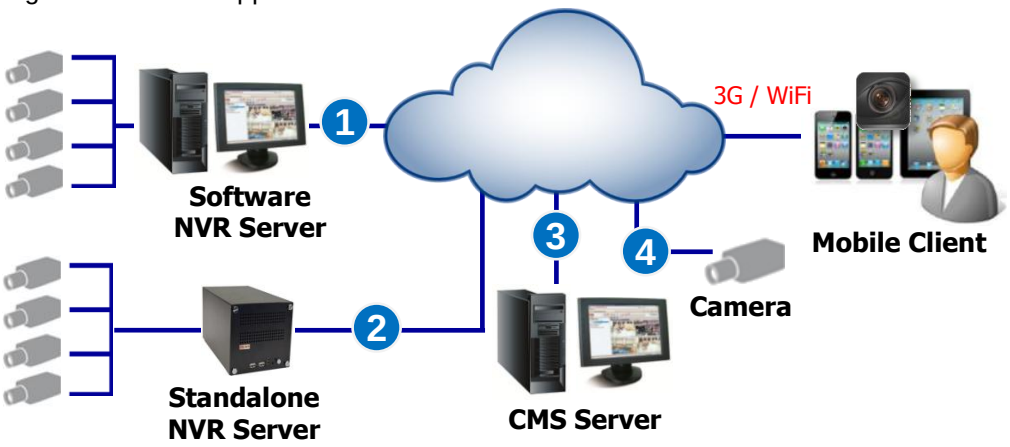
ACTi Mobile Client is a free app running on **iOS** devices (iPad, iPhone and iPod touch) that allows you to remotely monitor camera live view output from ACTi video management systems and ACTi cameras.

This app can provide 6-grid live view, single channel live view, real-time PTZ control, digital PTZ, going to presets, manual recording and screen snapshots on mobile devices.

ACTi Mobile Client is ready to connect with an ACTi central management system server, an ACTi software network video recorder server, an ACTi standalone network video recorder and an ACTi camera without further configuration or installation.

Network Architecture

The service architecture is described in the following figure. Please note that the architecture may change to fit different applications.



Scenario 1

ACTi Mobile Client connects with a software NVR server.

Scenario 2

ACTi Mobile Client connects with a standalone NVR server.

Scenario 3

ACTi Mobile Client connects with a central management system server.

Scenario 4

ACTi Mobile Client connects with a camera.

Setup

Pre-requisites

Before using **ACTi Mobile Client**, please make sure pre-requisites below are fulfilled:

1. Your server site (software NVR servers, CMS servers or standalone NVR servers) or camera firmware has been upgraded to the latest compatible versions.

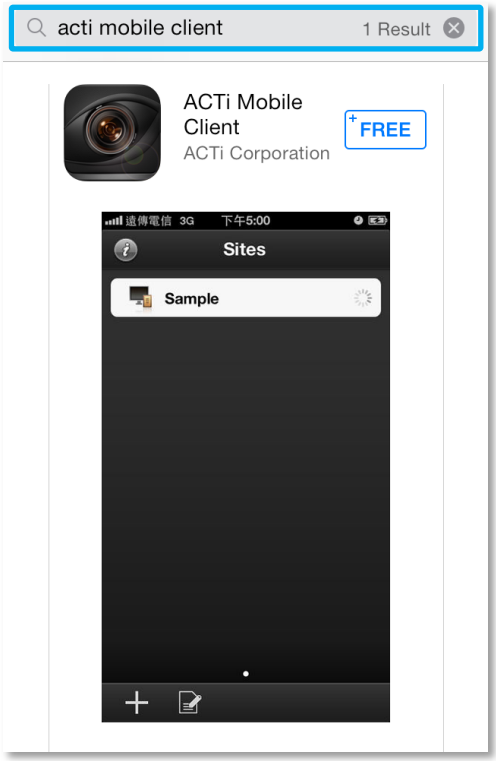
   Please refer to *ACTi Mobile Client Release Notes* on http://www.acti.com/product/category/Video_Management_System for compatible version information.

2. Your iOS device (iPad, iPhone and iPod touch) has been upgrade to iOS 5.0 or later.

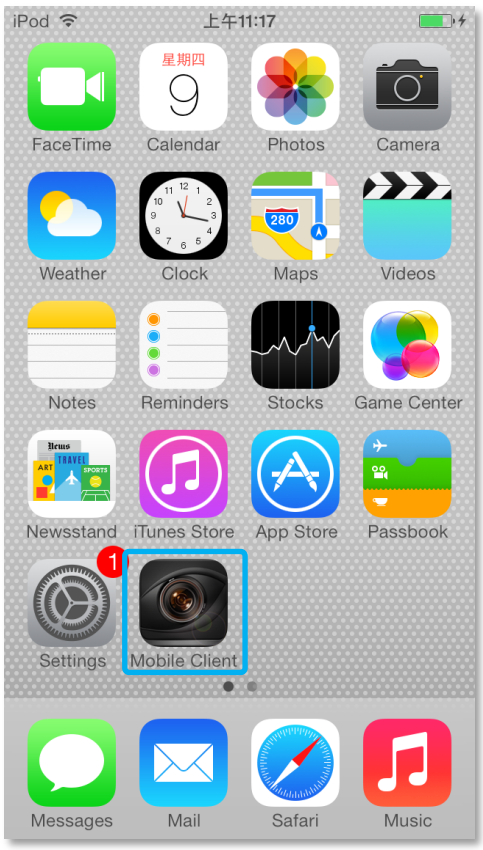
3. To enable optical PTZ functions, preset points or video motion alerts on **ACTi Mobile Client**, please make sure you have properly configured and tested the related functions via CMS/NVR/ Standalone NVR/ camera firmware interface; to observe DI status or enable Manual DO Trigger buttons, please connect well the devices with the camera.

Download & Installation

To start using **ACTi Mobile Client**, please download and install this app in your device.



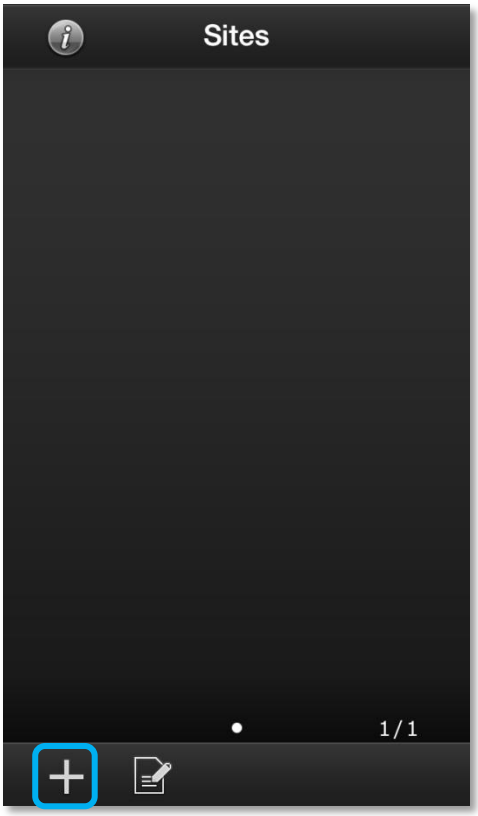
In **"App Store",** search the keyword "**ACTi Mobile Client**" and install the app directly. It requires Internet access for the mobile device.



After installation is complete, the application icon will appear on main screen.

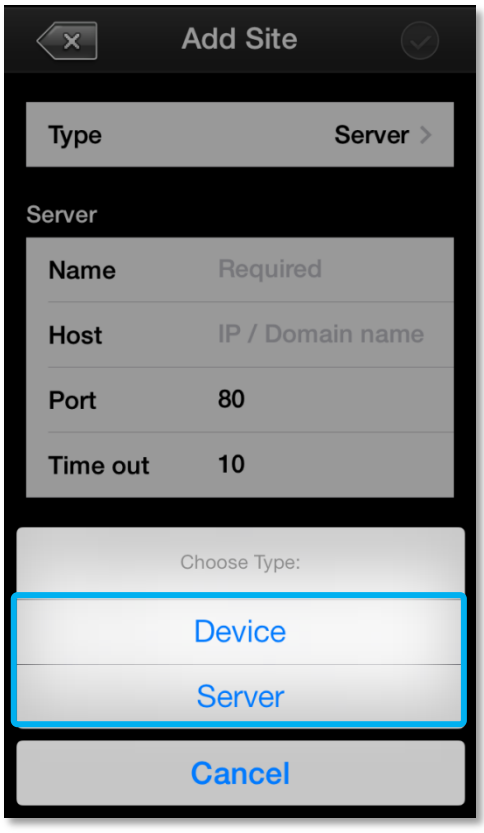
Add a Server / Camera

Tap on to execute **ACTi Mobile Client**.



Step 1

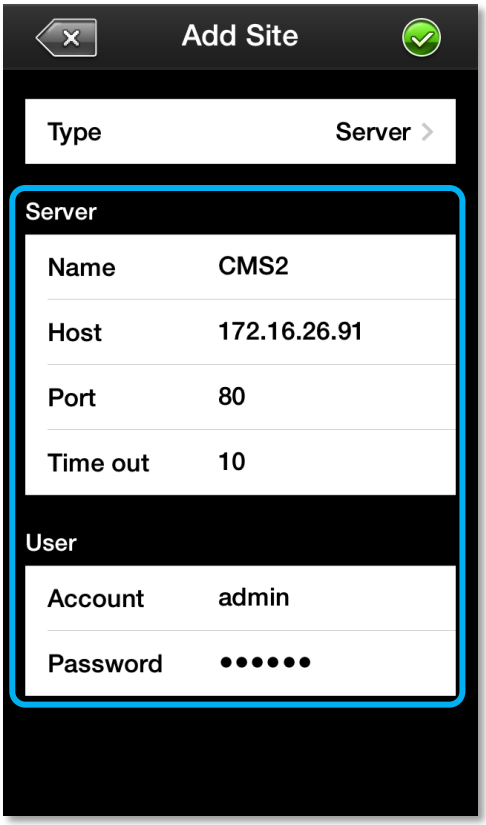
The **Sites** list is empty when you first enter **ACTi Mobile Client**. Tap the **Add** button " ＋" to start editing a new site/camera.



Step 2

On "**Choose Type**" window, select the video source type.

Select "**Device**" for a camera or a video encoder; select "**Server**" for a CMS server, a software NVR server or a standalone NVR server.



Step 3

Enter **Edit** page to fill in the connection properties for **ACTi Mobile Client** to connect the site, and then click to save this site.

- **Name**: Server / Camera name
- **Host**: IP / Domain name address
- **Port**: Port number
- **Account**: Server site / Camera account
- **Password**: The password for this account.

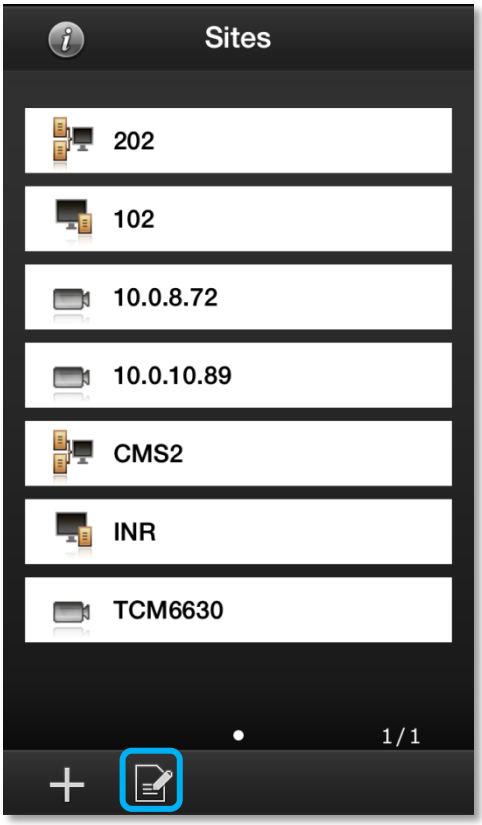
If this is a camera, please click "**Get Device Setting**" before saving to make sure this device is accessible.

Note

The permission to see certain views or devices on a NVR / CMS server is defined by the group permissions of your account. If you cannot see certain views or devices, ask the system administrator to modify your user group settings.

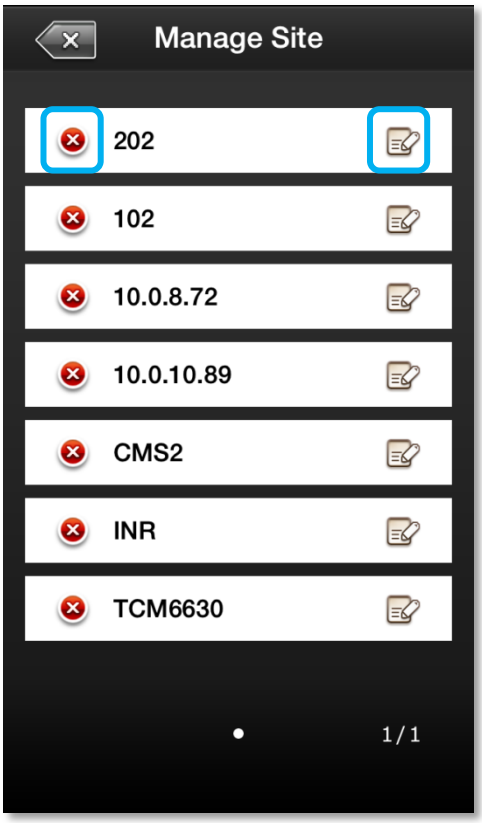
Manage Sites

Upon entering **ACTi Mobile Client** interface, you will first see the **Sites** list.



Enter Edit Mode

To edit the existing sites, tap on the bottom to enter the edit screen.



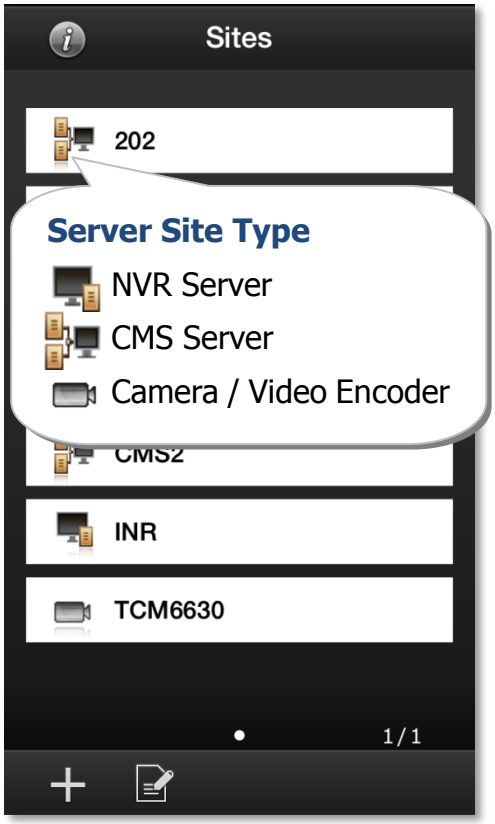
Delete/Modify a Site

In edit mode, select a site, tap to delete it or tap on to modify the site's properties.

Note

On **ACTi Mobile Client** interface, you can always tap on title bar to return to the upper layer

Connect a Site / Device



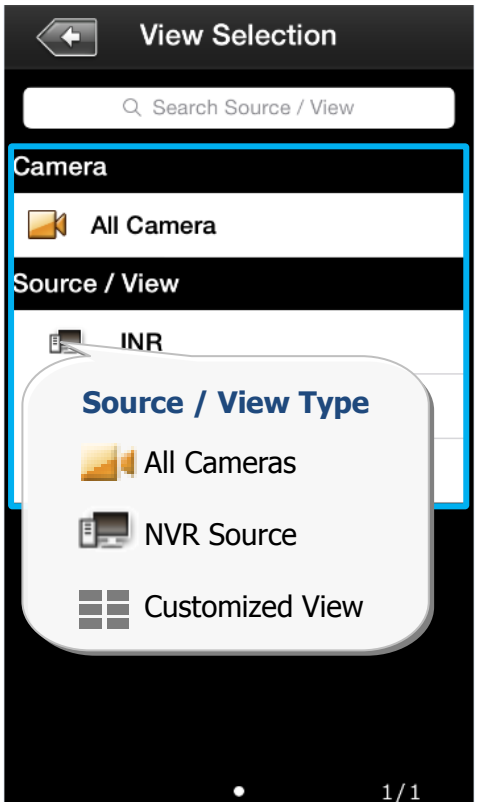
Step 1

Tap on execute **ACTi Mobile Client**. Tap a site on **Sites** list.

If you are connecting to a camera / video encoder site, you will directly enter the live view.

Note

Please make sure your site is accessible via Internet, and that you iOS device is connected to the Internet.



Step 2

After successfully connecting to a server site, you will enter **View Selection** screen. The NVR **Sources** (on CMS server site only) and User customized **Views** will be listed here.

You may tap any view to enter the live view, or choose "**All Camera**" to see all cameras live view.

You can input the view name in **Search Source / View** bar to perform a quick search.

Note

ACTi Mobile Client will display each view in 6-grid layout despite the original view layout.

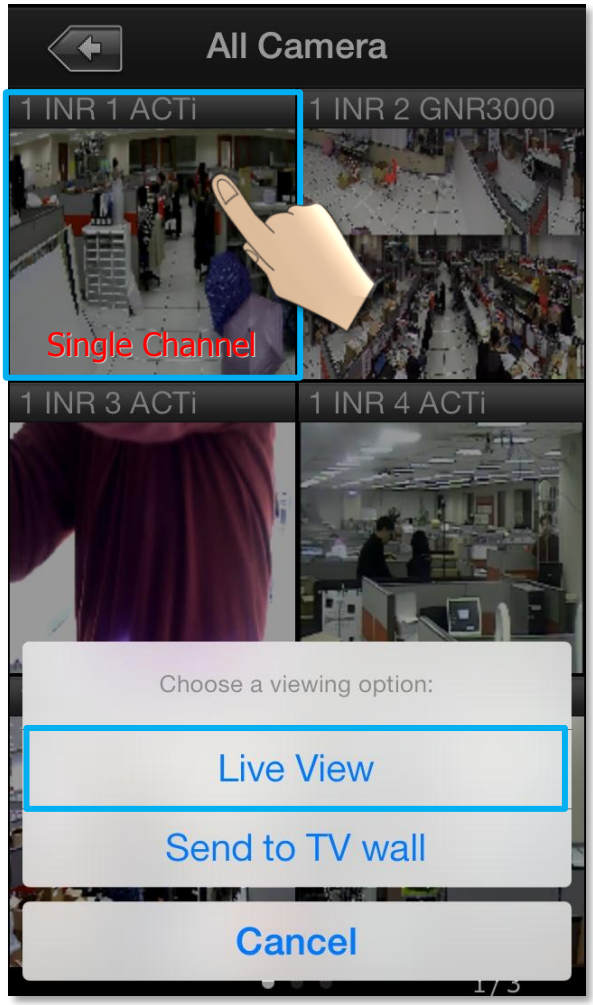
Operation Instructions

View Screen

Upon entering a **View**, you will be provided with a 6-grid layout screen despite the original layout style presented on original interface; each mini channel will display continuous live snapshots at 1 frame per second.

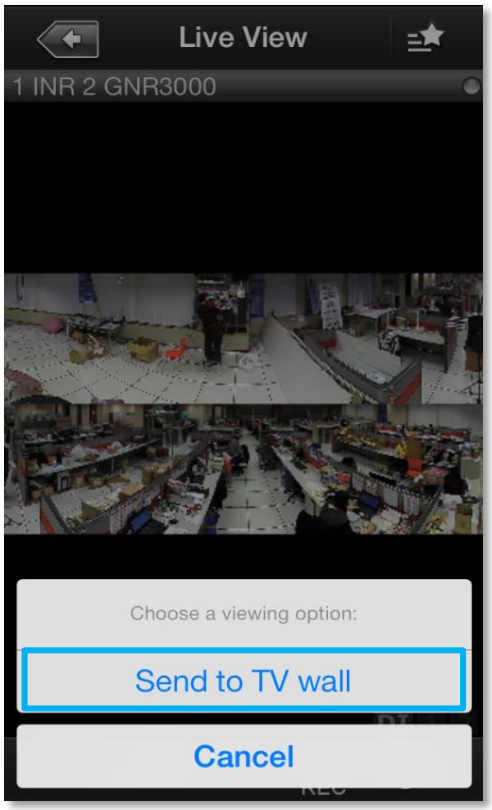
If there are more than six camera channels in this view, the page indicator will appear on the bottom, and you may swipe horizontally to navigate other pages.

To enter a **Single Channel Screen**, tap the channel, and tap "**Live View**" on the popup window.



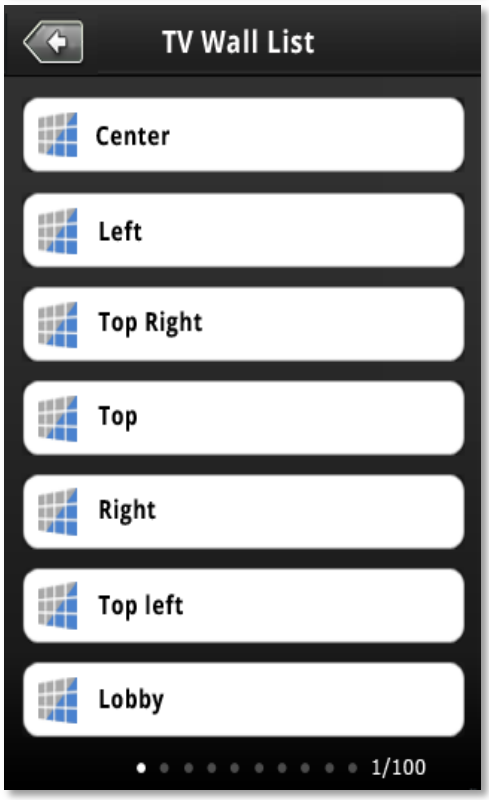
Send a Channel to TV Wall Monitor

Connected with a CMS server site, you may send a channel to a specific window on a certain TV Wall monitor.



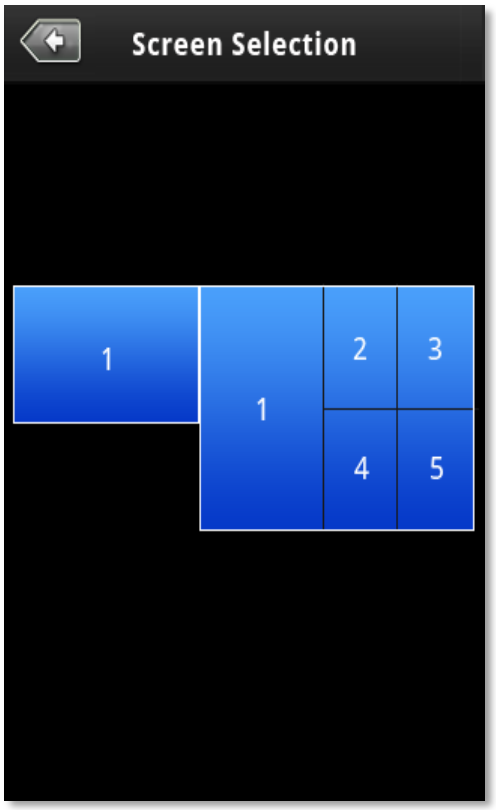
Step 1

- Tap on a single channel on 6-grid screen, and select "**Send to TV wall**", or
- Tap anywhere on the screen on a single channel view, and select "**Send to TV wall**".



Step 2

On **TV Wall List**, select a TV Wall station.



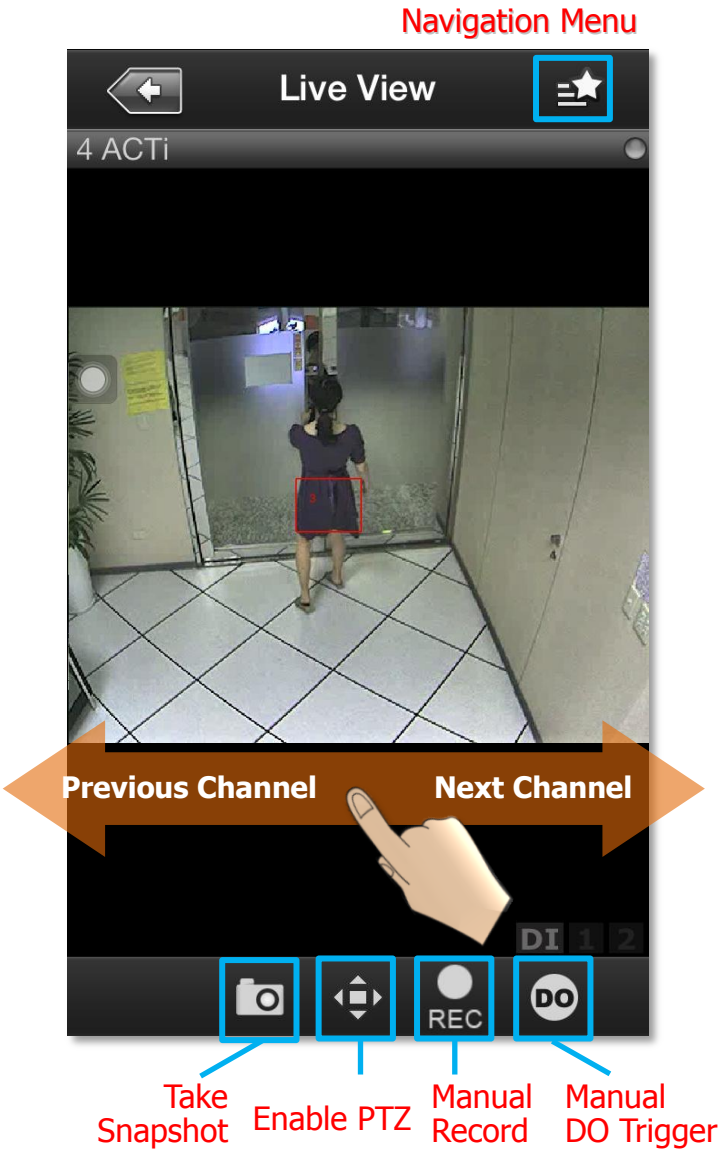
Step 3

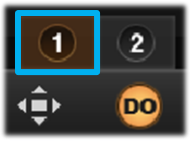
On **Screen Selection**, you will see the layout arrangement of this TV Wall station. Simply tap on your desired channel window, the channel view will immediately be sent to the selected channel window of that TV Wall station.

Single Channel Screen

On a single channel screen displays the camera's live streaming. You may:

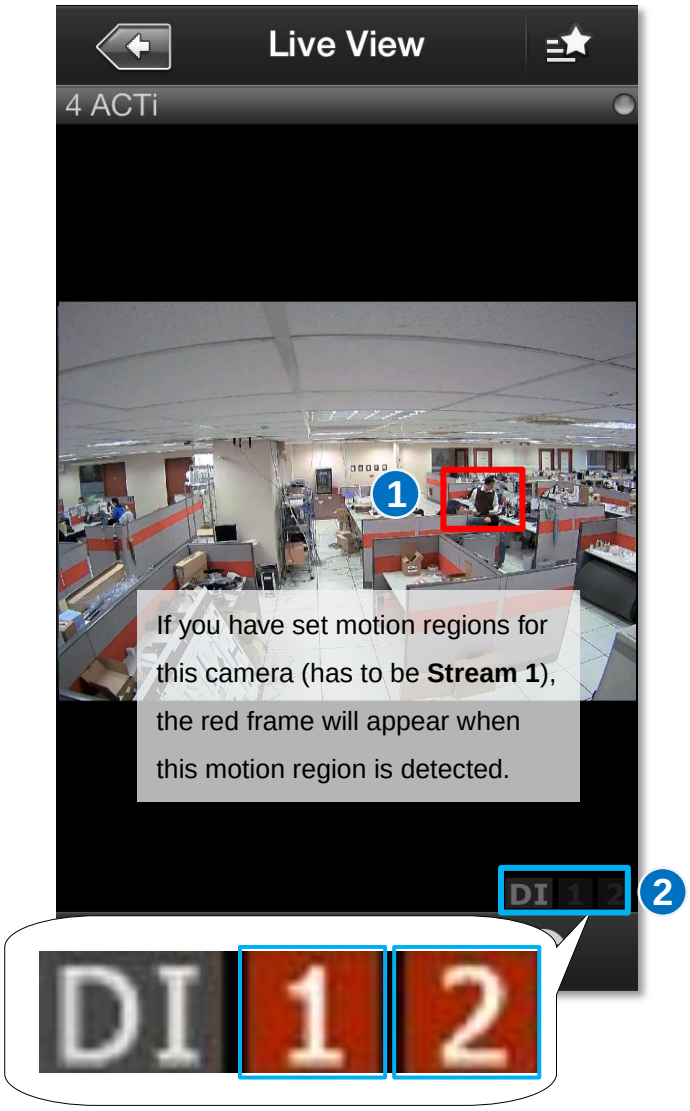
- Watch live streaming of a camera by its original resolution.
- Switch to another camera channel or another View at ease.
- Observe triggered motion/DI indications
- Take a snaphot of live view
- Manipulate digital/optical PTZ operation
- Perform manual-recording
- Manually trigger DO devices



Function	Description
Navigation Menu	The **Navatigation Menu** offers shortcuts to other video source screen:
Take Snapshot	The snapshot will be saved as *.jpg file to the default photo album on your device.
Enable PTZ	Tap to enable PTZ manupulation; tap again to return to normal live view. For detailed instrucitons, please refer to the section PTZ Operations in this document.
Manual Record	Click to **start** / **stop** manual recording. As the video is being recorded, this button will appear red until you click it again to stop recording, and the recording is saved on your NVR server site.
Manual DO Trigger	Tap it to bring up the DO buttons. If the DO device is connected, the button will be enabled, and you may tap it to trigger the device. You have to make sure the DO device has been well connected and configured with the camera first. 

On-screen Alerts

You may observe two kinds of event alerts: detected motion and triggered digital input.


Live View
4 ACTi
1
If you have set motion regions for this camera (has to be **Stream 1**), the red frame will appear when this motion region is detected.
DI 1 2
2
DI 1 2

Once the connected DI device is triggered, the DI number will appear in orange. You have to make sure the DI device has been well connected and configured with the camera first.

PTZ Operations

You may control **Optical PTZ** functions (for models with Pan/Tilt/Zoom capabilities) or **Digital PTZ** functions (with all camera models) on single channel screen.

Optical PTZ

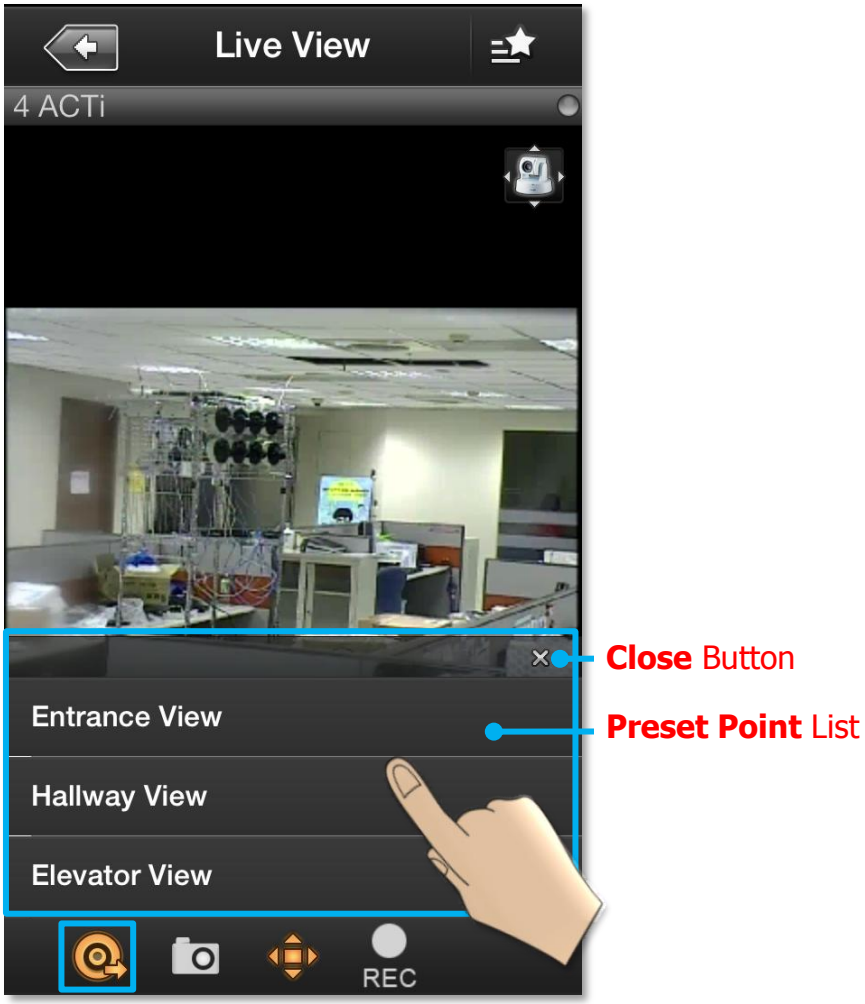
To manipulate **Optical PTZ** function, please make sure the PTZ functions have been successfully enabled and properly set on NVR server. To start,

1. Tap on the bottom to enable PTZ manupulation.
2. You will enter **Optical PTZ** mode. Use hand gestures to manupulate the movements and zoom levels, or tap **PTZ Mode Switch** to switch to **Digital PTZ** mode.
3. To return to normal live view, tap again.

Function	Zoom in	Zoom out	Pan / Tilt
Hand Gesture	Spread	Pinch	Swipe

Go to Preset Points

In **Optical PTZ** mode, if you have previously set the preset points for a PTZ device through NVR interface, the **Preset Point Panel** button will appear on the bottom. Tap on it, a list will show pre-defined preset points. Tap on a preset point to make the device go to this point.



Preset Point Panel

Digital PTZ

ACTi Mobile Client supports **Digital PTZ** operation by hand gestures on screen for all camera models. To start,

1. Tap on the bottom to enable PTZ manupulation.
2. Tap **PTZ Mode Switch** to enter **Digital PTZ** mode. Use hand gestures to perform digital zooming, panning or tilting.
3. To return to normal live view, tap again.

Function	Zoom in		Zoom out		Pan / Tilt
	Spread	Double-tap	Pinch	Double-tap	Swipe
Hand Gesture					